GenCore version 5.1.4_p5_4578

OM protein - protein search, using sw model

Run on: March 17, 2003, 07:23:50 ; Search time 6.67176 Seconds
(without alignments)
131.262 Million cell updates/sec

Title: US-09-787-082-8
Perfect score: 119
Sequence: 1 GCCSNPVCHLEHSNLCTNG 19

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 199416 seqs, 46092074 residues

Total number of hits satisfying chosen parameters: 199416

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA:*
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14: /cgn2_6/ptodata/1/pubpaa/US60_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	102	85.7	16	10	US-09-897-465-2	Sequence 2, Appli
2	102	85.7	17	10	US-09-897-465-3	Sequence 3, Appli
3	82	68.9	16	10	US-09-897-465-4	Sequence 4, Appli
4	57.5	48.3	320	9	US-09-991-496-22	Sequence 22, Appl
5	57.5	48.3	320	9	US-09-991-496-55	Sequence 55, Appl
6	57.5	48.3	320	10	US-09-874-923-22	Sequence 22, Appl
7	57.5	48.3	320	10	US-09-874-923-55	Sequence 55, Appl
8	57.5	48.3	709	9	US-09-991-496-121	Sequence 121, App
9	57.5	48.3	709	10	US-09-874-923-121	Sequence 121, App
10	51	42.9	16	10	US-09-897-465-5	Sequence 5, Appli
11	51	42.9	17	10	US-09-897-465-6	Sequence 6, Appli
12	50	42.0	16	10	US-09-897-465-8	Sequence 8, Appli
13	50	42.0	16	10	US-09-897-465-10	Sequence 10, Appl
14	50	42.0	16	10	US-09-897-465-12	Sequence 12, Appl
15	49	41.2	73	10	US-09-764-877-1910	Sequence 1910, Ap
16	48	40.3	621	10	US-09-925-301-1416	Sequence 1416, Ap
17	48	40.3	621	10	US-09-996-620-6	Sequence 6, Appli
18	46.5	39.1	728	10	US-09-908-322-2	Sequence 2, Appli
19	46	38.7	75	9	US-10-138-516-6	Sequence 6, Appli
20	46	38.7	75	9	US-10-146-130-8	Sequence 8, Appli
21	46	38.7	162	10	US-09-798-789-13	Sequence 13, Appl
22	45	37.8	16	10	US-09-897-465-9	Sequence 9, Appli
23	45	37.8	16	10	US-09-897-465-11	Sequence 11, Appl
24	45	37.8	116	10	US-09-764-869-1210	Sequence 1210, Ap
25	44	37.0	547	9	US-10-005-057A-17	Sequence 17, Appl
26	44	37.0	636	9	US-10-005-057A-9	Sequence 9, Appli
27	43	36.1	15	10	US-09-897-465-7	Sequence 7, Appli
28	43	36.1	73	10	US-09-894-882-344	Sequence 344, App
29	43	36.1	118	9	US-09-852-797-101	Sequence 101, App
30	43	36.1	118	10	US-09-853-161-101	Sequence 101, App
31	43	36.1	118	10	US-09-852-659A-101	Sequence 101, App
32	43	36.1	480	9	US-09-893-519A-9	Sequence 9, Appli
33	43	36.1	494	10	US-09-792-200B-2	Sequence 2, Appli
34	43	36.1	593	9	US-09-824-647-17	Sequence 17, Appl
35	43	36.1	593	10	US-09-813-156-17	Sequence 17, Appl
36	43	36.1	593	10	US-09-824-807-17	Sequence 17, Appl
37	43	36.1	1334	9	US-10-184-644-339	Sequence 339, App
38	43	36.1	1435	9	US-10-174-590-581	Sequence 581, App
39	43	36.1	1435	9	US-10-176-758-581	Sequence 581, App
40	43	36.1	1435	9	US-10-175-737-581	Sequence 581, App
41	43	36.1	1435	9	US-10-173-706-581	Sequence 581, App
42	43	36.1	1435	9	US-10-175-738-581	Sequence 581, App
43	43	36.1	1435	9	US-10-175-752-581	Sequence 581, App
44	43	36.1	1435	9	US-10-176-482-581	Sequence 581, App
45	43	36.1	1435	9	US-10-176-757-581	Sequence 581, App

ALIGNMENTS

RESULT 1
US-09-897-465-2
; Sequence 2, Application US/09897465
; Patent No. US20020022715A1
; GENERAL INFORMATION:
; APPLICANT: Olivera, Baldomero M.
; APPLICANT: McIntosh, J. Michael
; APPLICANT: Yoshikami, Doju
; APPLICANT: Cartier, G. Edward
; APPLICANT: Luo, Siqin
; APPLICANT: University of Utah Research Foundation
; TITLE OF INVENTION: Uses of Alpha-Conotoxin Peptides
; FILE REFERENCE: Uses of Alpha-Conotoxins
; CURRENT APPLICATION NUMBER: US/09/897,465
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: US 60/080,588
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: US 60/070,153
; PRIOR FILING DATE: 1997-12-31
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Conus magus
US-09-897-465-2

Query Match 85.7%; Score 102; DB 10; Length 16;
Best Local Similarity 100.0%; Pred. No. 7.3e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy      1 GCCSNPVCHLEHSNLC 16
          ||||||||||||||||
Db      1 GCCSNPVCHLEHSNLC 16
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RESULT 2
US-09-897-465-3
; Sequence 3, Application US/09897465
; Patent No. US20020022715A1
; GENERAL INFORMATION:
; APPLICANT: Olivera, Baldomero M.

```
;  APPLICANT:  McIntosh, J. Michael
;  APPLICANT:  Yoshikami, Doju
;  APPLICANT:  Cartier, G. Edward
;  APPLICANT:  Luo, Siqin
;  APPLICANT:  University of Utah Research Foundation
;  TITLE OF INVENTION: Uses of Alpha-Conotoxin Peptides
;  FILE REFERENCE: Uses of Alpha-Conotoxins
;  CURRENT APPLICATION NUMBER: US/09/897,465
;  CURRENT FILING DATE:  2001-07-03
;  PRIOR APPLICATION NUMBER: US 60/080,588
;  PRIOR FILING DATE: 1998-04-03
;  PRIOR APPLICATION NUMBER: US 60/070,153
;  PRIOR FILING DATE: 1997-12-31
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3
;   LENGTH: 17
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:Tyr derivative
;   OTHER INFORMATION: of C. magus MII
US-09-897-465-3

  Query Match             85.7%;  Score 102;  DB 10;  Length 17;
  Best Local Similarity   100.0%;  Pred. No. 7.7e-07;
  Matches   16;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

Qy       1 GCCSNPVCHLEHSNLC 16
           ||||||||||||||||
Db       2 GCCSNPVCHLEHSNLC 17


RESULT 3
US-09-897-465-4
; Sequence 4, Application US/09897465
; Patent No. US20020022715A1
; GENERAL INFORMATION:
;  APPLICANT: Olivera, Baldomero M.
;  APPLICANT:  McIntosh, J. Michael
;  APPLICANT:  Yoshikami, Doju
;  APPLICANT:  Cartier, G. Edward
;  APPLICANT:  Luo, Siqin
;  APPLICANT:  University of Utah Research Foundation
;  TITLE OF INVENTION: Uses of Alpha-Conotoxin Peptides
;  FILE REFERENCE: Uses of Alpha-Conotoxins
;  CURRENT APPLICATION NUMBER: US/09/897,465
;  CURRENT FILING DATE:  2001-07-03
;  PRIOR APPLICATION NUMBER: US 60/080,588
;  PRIOR FILING DATE: 1998-04-03
;  PRIOR APPLICATION NUMBER: US 60/070,153
;  PRIOR FILING DATE: 1997-12-31
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
;   LENGTH: 16
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:FAT derivative
;   OTHER INFORMATION: of C. magus MII
US-09-897-465-4

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Qy       1 GCCSNPVCHLEHSNLC 16
           ||||||||   |||||
Db       1 GCCSNPVCFATHSNLC 16


RESULT 4
US-09-991-496-22
; Sequence 22, Application US/09991496
; Patent No. US20020169285A1
; GENERAL INFORMATION:
;  APPLICANT: Reed, Steven G.
;  APPLICANT:  Campos-Neto, Antonio
;  APPLICANT:  Webb, John R.
;  APPLICANT:  Dillon, Davin C.
;  APPLICANT:  Skeiky, Yasir A.W.
;  APPLICANT:  Bhatia, Ajay
;  APPLICANT:  Coler, Rhea
;  APPLICANT:  Probst, Peter
;  APPLICANT:  Brannon, Mark
;  TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
;  TITLE OF INVENTION:  THERAPY AND DIAGNOSIS OF LEISHMANIASIS
;  FILE REFERENCE: 210121.420C9
;  CURRENT APPLICATION NUMBER: US/09/991,496
;  CURRENT FILING DATE:  2001-11-20
;  NUMBER OF SEQ ID NOS: 137
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 22
;   LENGTH: 320
;   TYPE: PRT
;   ORGANISM: Leishmania major
US-09-991-496-22

  Query Match             48.3%;  Score 57.5;  DB 9;  Length 320;
  Best Local Similarity   50.0%;  Pred. No. 3;
  Matches   10;  Conservative    2;  Mismatches    5;  Indels    3;  Gaps    1;

Qy       3 CSNPV---CHLEHSNLCTNG 19
           ||:|    | :|| | | ||
Db     214 CSSPTTQPCEVEHCNTCVNG 233


RESULT 5
US-09-991-496-55
; Sequence 55, Application US/09991496
; Patent No. US20020169285A1
; GENERAL INFORMATION:
;  APPLICANT: Reed, Steven G.
;  APPLICANT:  Campos-Neto, Antonio
;  APPLICANT:  Webb, John R.
;  APPLICANT:  Dillon, Davin C.
;  APPLICANT:  Skeiky, Yasir A.W.
;  APPLICANT:  Bhatia, Ajay
;  APPLICANT:  Coler, Rhea
;  APPLICANT:  Probst, Peter
;  APPLICANT:  Brannon, Mark
;  TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
;  TITLE OF INVENTION:  THERAPY AND DIAGNOSIS OF LEISHMANIASIS
;  FILE REFERENCE: 210121.420C9
;  CURRENT APPLICATION NUMBER: US/09/991,496
;  CURRENT FILING DATE:  2001-11-20
;  NUMBER OF SEQ ID NOS: 137
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 55
;   LENGTH: 320
;   TYPE: PRT
;   ORGANISM: Leishmania major
US-09-991-496-55

  Query Match             48.3%;  Score 57.5;  DB 9;  Length 320;
  Best Local Similarity   50.0%;  Pred. No. 3;
  Matches   10;  Conservative    2;  Mismatches    5;  Indels    3;  Gaps    1;

Qy       3 CSNPV---CHLEHSNLCTNG 19
           ||:|    | :|| | | ||
Db     214 CSSPTTQPCEVEHCNTCVNG 233


RESULT 6
US-09-874-923-22
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; Sequence 22, Application US/09874923
; Patent No. US20020081320A1
; GENERAL INFORMATION:
;  APPLICANT: Reed, Steven G.
;  APPLICANT:  Campos-Neto, Antonio
;  APPLICANT:  Webb, John R.
;  APPLICANT:  Dillon, Davin C.
;  APPLICANT:  Skeiky, Yasir A.W.
;  APPLICANT:  Bhatia, Ajay
;  APPLICANT:  Coler, Rhea
;  APPLICANT:  Probst, Peter
;  APPLICANT:  Brannon, Mark
;  TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
;  TITLE OF INVENTION:  THERAPY AND DIAGNOSIS OF LEISHMANIASIS
;  FILE REFERENCE: 210121.420C8
;  CURRENT APPLICATION NUMBER: US/09/874,923
;  CURRENT FILING DATE:  2001-06-04
;  NUMBER OF SEQ ID NOS: 122
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 22
;   LENGTH: 320
;   TYPE: PRT
;   ORGANISM: Leishmania major
US-09-874-923-22

  Query Match             48.3%;  Score 57.5;  DB 10;  Length 320;
  Best Local Similarity   50.0%;  Pred. No. 3;
  Matches   10;  Conservative    2;  Mismatches    5;  Indels    3;  Gaps    1;

Qy      3 CSNPV---CHLEHSNLCTNG 19
          ||:|    | :|| | | ||
Db    214 CSSPTTQPCEVEHCNTCVNG 233


RESULT 7
US-09-874-923-55
; Sequence 55, Application US/09874923
; Patent No. US20020081320A1
; GENERAL INFORMATION:
;  APPLICANT: Reed, Steven G.
;  APPLICANT:  Campos-Neto, Antonio
;  APPLICANT:  Webb, John R.
;  APPLICANT:  Dillon, Davin C.
;  APPLICANT:  Skeiky, Yasir A.W.
;  APPLICANT:  Bhatia, Ajay
;  APPLICANT:  Coler, Rhea
;  APPLICANT:  Probst, Peter
;  APPLICANT:  Brannon, Mark
;  TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
;  TITLE OF INVENTION:  THERAPY AND DIAGNOSIS OF LEISHMANIASIS
;  FILE REFERENCE: 210121.420C8
;  CURRENT APPLICATION NUMBER: US/09/874,923
;  CURRENT FILING DATE:  2001-06-04
;  NUMBER OF SEQ ID NOS: 122
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 55
;   LENGTH: 320
;   TYPE: PRT
;   ORGANISM: Leishmania major
US-09-874-923-55

  Query Match             48.3%;  Score 57.5;  DB 10;  Length 320;
  Best Local Similarity   50.0%;  Pred. No. 3;
  Matches   10;  Conservative    2;  Mismatches    5;  Indels    3;  Gaps    1;

Qy      3 CSNPV---CHLEHSNLCTNG 19
          ||:|    | :|| | | ||
Db    214 CSSPTTQPCEVEHCNTCVNG 233


RESULT 8
US-09-991-496-121
; Sequence 121, Application US/09991496
; Patent No. US20020169285A1
; GENERAL INFORMATION:
;  APPLICANT: Reed, Steven G.
;  APPLICANT:  Campos-Neto, Antonio
;  APPLICANT:  Webb, John R.
;  APPLICANT:  Dillon, Davin C.
;  APPLICANT:  Skeiky, Yasir A.W.
;  APPLICANT:  Bhatia, Ajay
;  APPLICANT:  Coler, Rhea
;  APPLICANT:  Probst, Peter
;  APPLICANT:  Brannon, Mark
;  TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
;  TITLE OF INVENTION:  THERAPY AND DIAGNOSIS OF LEISHMANIASIS
;  FILE REFERENCE: 210121.420C9
;  CURRENT APPLICATION NUMBER: US/09/991,496
;  CURRENT FILING DATE:  2001-11-20
;  NUMBER OF SEQ ID NOS: 137
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 121
;   LENGTH: 709
;   TYPE: PRT
;   ORGANISM: Leishmania major and chagasi
US-09-991-496-121

  Query Match             48.3%;  Score 57.5;  DB 9;  Length 709;
  Best Local Similarity   50.0%;  Pred. No. 5.9;
  Matches   10;  Conservative    2;  Mismatches    5;  Indels    3;  Gaps    1;

Qy      3 CSNPV---CHLEHSNLCTNG 19
          ||:|    | :|| | | ||
Db    603 CSSPTTQPCEVEHCNTCVNG 622


RESULT 9
US-09-874-923-121
; Sequence 121, Application US/09874923
; Patent No. US20020081320A1
; GENERAL INFORMATION:
;  APPLICANT: Reed, Steven G.
;  APPLICANT:  Campos-Neto, Antonio
;  APPLICANT:  Webb, John R.
;  APPLICANT:  Dillon, Davin C.
;  APPLICANT:  Skeiky, Yasir A.W.
;  APPLICANT:  Bhatia, Ajay
;  APPLICANT:  Coler, Rhea
;  APPLICANT:  Probst, Peter
;  APPLICANT:  Brannon, Mark
;  TITLE OF INVENTION: LEISHMANIA ANTIGENS FOR USE IN THE
;  TITLE OF INVENTION:  THERAPY AND DIAGNOSIS OF LEISHMANIASIS
;  FILE REFERENCE: 210121.420C8
;  CURRENT APPLICATION NUMBER: US/09/874,923
;  CURRENT FILING DATE:  2001-06-04
;  NUMBER OF SEQ ID NOS: 122
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 121
;   LENGTH: 709
;   TYPE: PRT
;   ORGANISM: Leishmania major and chagasi
US-09-874-923-121

  Query Match             48.3%;  Score 57.5;  DB 10;  Length 709;
  Best Local Similarity   50.0%;  Pred. No. 5.9;
  Matches   10;  Conservative    2;  Mismatches    5;  Indels    3;  Gaps    1;

Qy      3 CSNPV---CHLEHSNLCTNG 19
          ||:|    | :|| | | ||
Db    603 CSSPTTQPCEVEHCNTCVNG 622


RESULT 10
US-09-897-465-5
; Sequence 5, Application US/09897465
; Patent No. US20020022715A1
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; GENERAL INFORMATION:
;  APPLICANT: Olivera, Baldomero M.
;  APPLICANT:  McIntosh, J. Michael
;  APPLICANT:  Yoshikami, Doju
;  APPLICANT:  Cartier, G. Edward
;  APPLICANT:  Luo, Siqin
;  APPLICANT:  University of Utah Research Foundation
;  TITLE OF INVENTION: Uses of Alpha-Conotoxin Peptides
;  FILE REFERENCE: Uses of Alpha-Conotoxins
;  CURRENT APPLICATION NUMBER: US/09/897,465
;  CURRENT FILING DATE:  2001-07-03
;  PRIOR APPLICATION NUMBER: US 60/080,588
;  PRIOR FILING DATE: 1998-04-03
;  PRIOR APPLICATION NUMBER: US 60/070,153
;  PRIOR FILING DATE: 1997-12-31
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
;   LENGTH: 16
;   TYPE: PRT
;   ORGANISM: Conus aulicus
US-09-897-465-5

  Query Match             42.9%;  Score 51;  DB 10;  Length 16;
  Best Local Similarity   50.0%;  Pred. No. 1.4;
  Matches    8;  Conservative    2;  Mismatches    6;  Indels    0;  Gaps    0;

Qy      1 GCCSNPVCHLEHSNLC 16
          |||| | |   :|: |
Db      1 GCCSYPPCFATNSDYC 16


RESULT 11
US-09-897-465-6
; Sequence 6, Application US/09897465
; Patent No. US20020022715A1
; GENERAL INFORMATION:
;  APPLICANT: Olivera, Baldomero M.
;  APPLICANT:  McIntosh, J. Michael
;  APPLICANT:  Yoshikami, Doju
;  APPLICANT:  Cartier, G. Edward
;  APPLICANT:  Luo, Siqin
;  APPLICANT:  University of Utah Research Foundation
;  TITLE OF INVENTION: Uses of Alpha-Conotoxin Peptides
;  FILE REFERENCE: Uses of Alpha-Conotoxins
;  CURRENT APPLICATION NUMBER: US/09/897,465
;  CURRENT FILING DATE:  2001-07-03
;  PRIOR APPLICATION NUMBER: US 60/080,588
;  PRIOR FILING DATE: 1998-04-03
;  PRIOR APPLICATION NUMBER: US 60/070,153
;  PRIOR FILING DATE: 1997-12-31
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
;   LENGTH: 17
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:Tyr derivative
;   OTHER INFORMATION: of C. aulicus AuIA
US-09-897-465-6

  Query Match             42.9%;  Score 51;  DB 10;  Length 17;
  Best Local Similarity   50.0%;  Pred. No. 1.5;
  Matches    8;  Conservative    2;  Mismatches    6;  Indels    0;  Gaps    0;

Qy      1 GCCSNPVCHLEHSNLC 16
          |||| | |   :|: |
Db      2 GCCSYPPCFATNSDYC 17


RESULT 12
US-09-897-465-8
; Sequence 8, Application US/09897465
; Patent No. US20020022715A1
; GENERAL INFORMATION:
;  APPLICANT: Olivera, Baldomero M.
;  APPLICANT:  McIntosh, J. Michael
;  APPLICANT:  Yoshikami, Doju
;  APPLICANT:  Cartier, G. Edward
;  APPLICANT:  Luo, Siqin
;  APPLICANT:  University of Utah Research Foundation
;  TITLE OF INVENTION: Uses of Alpha-Conotoxin Peptides
;  FILE REFERENCE: Uses of Alpha-Conotoxins
;  CURRENT APPLICATION NUMBER: US/09/897,465
;  CURRENT FILING DATE:  2001-07-03
;  PRIOR APPLICATION NUMBER: US 60/080,588
;  PRIOR FILING DATE: 1998-04-03
;  PRIOR APPLICATION NUMBER: US 60/070,153
;  PRIOR FILING DATE: 1997-12-31
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
;   LENGTH: 16
;   TYPE: PRT
;   ORGANISM: Conus aulicus
US-09-897-465-8

  Query Match             42.0%;  Score 50;  DB 10;  Length 16;
  Best Local Similarity   50.0%;  Pred. No. 1.9;
  Matches    8;  Conservative    1;  Mismatches    7;  Indels    0;  Gaps    0;

Qy      1 GCCSNPVCHLEHSNLC 16
          |||| | |   :|  |
Db      1 GCCSYPPCFATNSGYC 16


RESULT 13
US-09-897-465-10
; Sequence 10, Application US/09897465
; Patent No. US20020022715A1
; GENERAL INFORMATION:
;  APPLICANT: Olivera, Baldomero M.
;  APPLICANT:  McIntosh, J. Michael
;  APPLICANT:  Yoshikami, Doju
;  APPLICANT:  Cartier, G. Edward
;  APPLICANT:  Luo, Siqin
;  APPLICANT:  University of Utah Research Foundation
;  TITLE OF INVENTION: Uses of Alpha-Conotoxin Peptides
;  FILE REFERENCE: Uses of Alpha-Conotoxins
;  CURRENT APPLICATION NUMBER: US/09/897,465
;  CURRENT FILING DATE:  2001-07-03
;  PRIOR APPLICATION NUMBER: US 60/080,588
;  PRIOR FILING DATE: 1998-04-03
;  PRIOR APPLICATION NUMBER: US 60/070,153
;  PRIOR FILING DATE: 1997-12-31
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
;   LENGTH: 16
;   TYPE: PRT
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: Description of Artificial Sequence:A10L derivative
;   OTHER INFORMATION: of C. purpurascens PnIA
US-09-897-465-10

  Query Match             42.0%;  Score 50;  DB 10;  Length 16;
  Best Local Similarity   50.0%;  Pred. No. 1.9;
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Db      1 GCCSLPPCALNNPDYC 16
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RESULT 14
US-09-897-465-12
; Sequence 12, Application US/09897465
; Patent No. US20020022715A1
; GENERAL INFORMATION:
;  APPLICANT: Olivera, Baldomero M.
;  APPLICANT:  McIntosh, J. Michael
;  APPLICANT:  Yoshikami, Doju
;  APPLICANT:  Cartier, G. Edward
;  APPLICANT:  Luo, Siqin
;  APPLICANT:  University of Utah Research Foundation
;  TITLE OF INVENTION: Uses of Alpha-Conotoxin Peptides
;  FILE REFERENCE: Uses of Alpha-Conotoxins
;  CURRENT APPLICATION NUMBER: US/09/897,465
;  CURRENT FILING DATE:  2001-07-03
;  PRIOR APPLICATION NUMBER: US 60/080,588
;  PRIOR FILING DATE: 1998-04-03
;  PRIOR APPLICATION NUMBER: US 60/070,153
;  PRIOR FILING DATE: 1997-12-31
;  NUMBER OF SEQ ID NOS: 13
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 12
;   LENGTH: 16
;   TYPE: PRT
;   ORGANISM: Conus purpurascens
US-09-897-465-12

  Query Match             42.0%;  Score 50;  DB 10;  Length 16;
  Best Local Similarity   50.0%;  Pred. No. 1.9;
  Matches    8;  Conservative    2;  Mismatches    6;  Indels    0;  Gaps    0;

Qy      1 GCCSNPVCHLEHSNLC 16
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Db      1 GCCSLPPCALSNPDYC 16


RESULT 15
US-09-764-877-1910
; Sequence 1910, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;  FILE REFERENCE: PC005
;  CURRENT APPLICATION NUMBER: US/09/764,877
;  CURRENT FILING DATE:  2001-01-17
;  Prior application data removed - refer to PALM or file wrapper
;  NUMBER OF SEQ ID NOS: 4031
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1910
;   LENGTH: 73
;   TYPE: PRT
;   ORGANISM: Homo sapiens
US-09-764-877-1910

  Query Match             41.2%;  Score 49;  DB 10;  Length 73;
  Best Local Similarity   53.8%;  Pred. No. 9.4;
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Qy      2 CCSNPVCHLEHSN 14
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Db     49 CCGFPICKLKNSN 61


Search completed: March 17, 2003, 07:29:19
Job time : 6.67176 secs
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